

# Welcome to the Netnod Meeting 2023

LM Jogbäck, CEO, Netnod

# Netnod: rock-solid services

A neutral organisation with more than 25 years working at the core of the Internet.

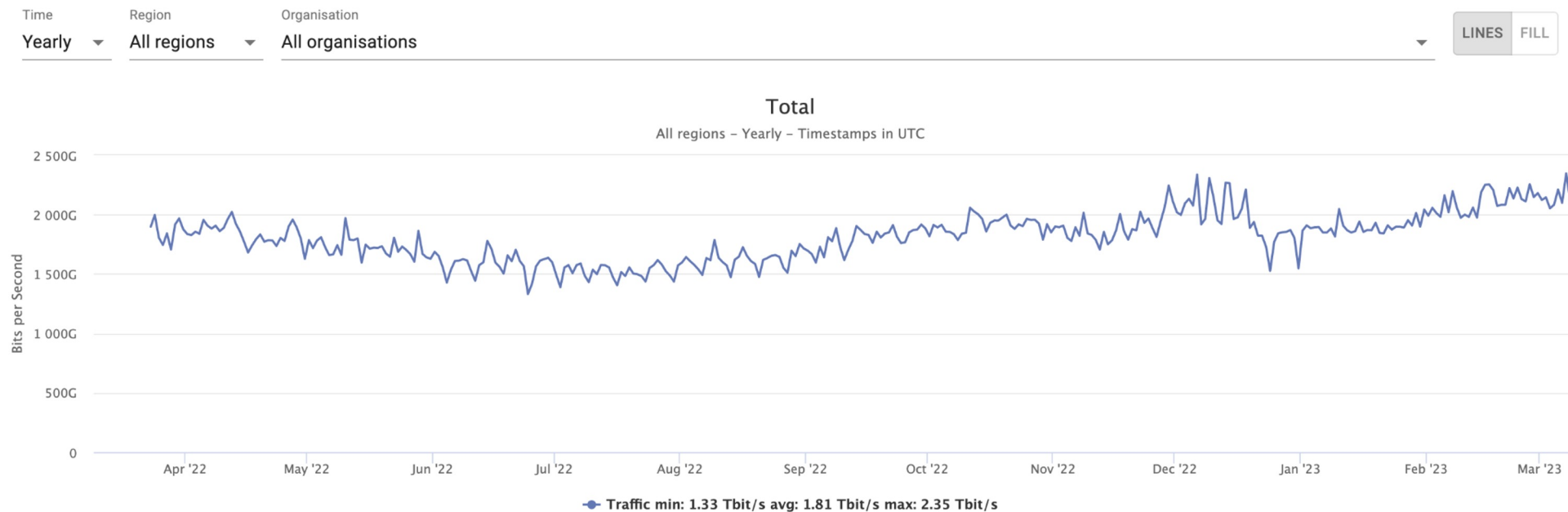
- Operates the largest **Internet Exchange (IX)** in the Nordics
- Manages I-root, one of world's 13 root name **DNS** servers
- Provides **DNS services** to enterprises and some of the largest Top Level Domains in the world
- Develops **Time and frequency** services with the highest levels of accuracy and security



# The largest IX platform in the Nordics

- Peak traffic 2+ Tbps
- 200+ connected ASNs
- 100% uptime since 2002





**7 March 2023 - All time high! Peak traffic: 2.35 Tbps**

# Netnod Helsinki

## 3 PoPs:

- ◉ Digita Helsinki Pasila
- ◉ Equinix HE7
- ◉ Telia Helsinki



# European Peering Forum



# We always know what time it is

Sweden trusts Netnod to distribute national time.



# Swedish distributed time service

- Operated by Netnod, monitored by RISE and financed by PTS
- 6 time nodes placed in secure bunkers throughout Sweden (Stratum-1 time servers)
- Time traceable to UTC
- Free and commercial service with SLA





## How to ensure time security across a global network - an industry Q&A

Rob Allen , 2023.02.21



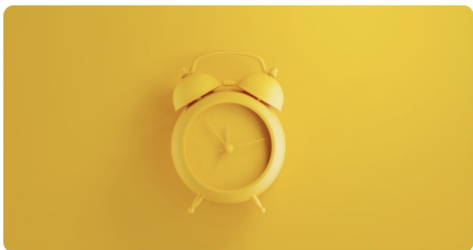
## Staying alive: what is TTL and why is it important for your DNS setup?

Lars-Johan Liman , 2022.09.15



## Security by diversity: designing secure, reliable and robust systems

Fredrik Lindeberg , 2022.06.08



## Implementing Network Time Security at the Hardware Level

Christer Weinigel , 2022.07.07



## Peering in Norway: traffic growth and shifting patterns

Guest Blogger , 2021.09.20



## Why accurate and secure time is the key to 21st century energy

Christian Lindholm , 2021.10.28

A large, thin yellow outline of a heart shape that frames the central text.

**A big welcome to our  
new colleagues**



**Dennis Rydgren**

Marketing Manager



**Sören Matiros**

Junior Systems Administrator



**Jonas Borgström**

Senior Software Engineer

# Netnod Social: Yuc LatAsian

18:00 till late!

Don't forget your meeting  
badge for entry.



ATOP

nLOGIC

NOKIA

FLEXOPTIX

smartoptics



NTT



TEAM CYMRU™

THANK  
YOU!!!

IXP-Country-Jedi  
Peer-to-Peer Fabric

# Enjoy day 1!

NET  
NOD

visit us at [netnod.se](http://netnod.se)